## AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A radio video transmission system which transmits video data from a transmitter to a receiver by radio, the radio video transmission system comprising:

a detecting means for detecting interruption of communication of data periodically transmitted by the receiver; and

a channel switching means for switching a channel through which video data is transmitted to the receiver, in response to the detection, by the detecting means, of the interruption of the communication, wherein

the channel switching unit comprises a timer that counts a channel switching time to set a power saving mode when a predetermined time has been clocked.

2. (Previously Presented) The radio video transmission system according to Claim 1, wherein the data periodically transmitted by the receiver is transmitted data comprising a status of reception, by the receiver, of the video data transmitted by the transmitter, the transmitted data being periodically transmitted from the receiver to the transmitter by reception status transmitting means.

3. (Canceled).

4. (Currently Amended) A radio video transmission system which transmits video data from a transmitter to a receiver by radio, the radio video transmission system comprising:

a reception status analyzing unit analyzing a status of reception, by the receiver, of video data transmitted by the transmitter;

a reception status display displaying the status of reception to the user;

a channel switching unit switching a channel through which video data is received from the transmitter and through which the status of reception is transmitted to the transmitter, according to results of the analysis by the reception status analyzing unit, wherein a user operates the channel switching unit for switching the channel;

a radio communication processing unit automatically switching the channel without waiting for the user to operate the channel switching unit when a level of the status of reception is at least a certain level;

a transmitter transmission rate switching instructing unit transmitting, to the transmitter, an instruction on a change in a rate at which the transmitter transmits video data, according to results of the analysis by the reception status analyzing unit; and

a compression rate switching unit changing a compression rate of the video data according to results of the analysis by the reception status analyzing unit.

5. (Previously Presented) The radio video transmission system according to Claim 4, wherein the video data transmitted by the transmitter is video data compressed by the transmitter in association with an instruction on switching of the transmission rate transmitted by the receiver.

6. (Currently amended) A radio video transmission system which transmits video data from a transmitter to a receiver by radio, the radio video transmission system comprising:

a reception status analyzing unit analyzing a status of reception, by the receiver, of video data transmitted by the transmitter;

a reception status display displaying the status of reception to the user; ~~and~~

a channel switching unit switching a channel through which video data is received from the transmitter and through which the status of reception is transmitted to the transmitter, according to results of the analysis by the reception status analyzing unit, wherein a user operates the channel switching unit for switching the channel;

a radio communication processing unit automatically switching the channel without waiting for the user to operate the channel switching unit when a level of the status of reception is at least a certain level; and

a compression rate switching unit changing a compression rate of the video data according to results of the analysis by the reception status analyzing unit.

7. (Previously Presented) The radio video transmission system according to Claim 4, wherein the results of the analysis by the reception status analyzing unit is an error rate measured during a fixed period.

8. (Previously Presented) The radio video transmission system according to Claim 4, wherein the results of the analysis by the reception status analyzing unit is a change rate of the error rate measured during the fixed period.

9. (Previously Presented) The radio video transmission system according to Claim 1, wherein at least one of the receiver and transmitter is a communication apparatus connected to AV equipment by inter-equipment communication.

10. (Previously Presented) A method for radio video transmission which transmits video data from a transmitter to a receiver by radio, the method comprising:

causing a receiver to periodically transmit video data;

detecting interruption of communication of data periodically transmitted by the receiver; and

switching a channel through which video data is transmitted to the receiver, when the interruption of the data communication with the receiver is detected, wherein

the channel switching unit comprises a timer that counts a channel switching time to set a power saving mode when a predetermined time has been clocked.

11. (Previously Presented) The radio video transmission system according to Claim 2, wherein the channel switching unit comprises a timer that counts a channel switching time to set a power saving mode when a predetermined time has been clocked.

12. (Previously Presented) The radio video transmission system according to Claim 5, wherein the results of the analysis by the reception status analyzing unit is an error rate measured during a fixed period.

13. (Previously Presented) The radio video transmission system according to Claim 6, wherein the results of the analysis by the reception status analyzing unit is an error rate measured during a fixed period.

14. (Previously Presented) The radio video transmission system according to Claim 5, wherein the results of the analysis by the reception status analyzing unit is a change rate of the error rate measured during the fixed period.

15. (Previously Presented) The radio video transmission system according to Claim 6, wherein the results of the analysis by the reception status analyzing unit is a change rate of the error rate measured during the fixed period.

16. (Previously Presented) The radio video transmission system according to Claim 2, wherein at least one of the receiver and transmitter is a communication apparatus connected to AV equipment by inter-equipment communication.

17. (Previously Presented) The radio video transmission system according to Claim 1, wherein at least one of the receiver and transmitter is a communication apparatus connected to AV equipment by inter-equipment communication.

18. (Previously Presented) The radio video transmission system according to Claim 4, wherein at least one of the receiver and transmitter is a communication apparatus connected to AV equipment by inter-equipment communication.

19. (Previously Presented) The radio video transmission system according to Claim 5, wherein at least one of the receiver and transmitter is a communication apparatus connected to AV equipment by inter-equipment communication.

20. (Previously Presented) The radio video transmission system according to Claim 6, wherein at least one of the receiver and transmitter is a communication apparatus connected to AV equipment by inter-equipment communication.

21. (Previously Presented) The radio video transmission system according to Claim 4, wherein a user performs the changing of the compression rate.

22. (Previously Presented) The radio video transmission system according to Claim 6, wherein a user performs the changing of the compression rate.